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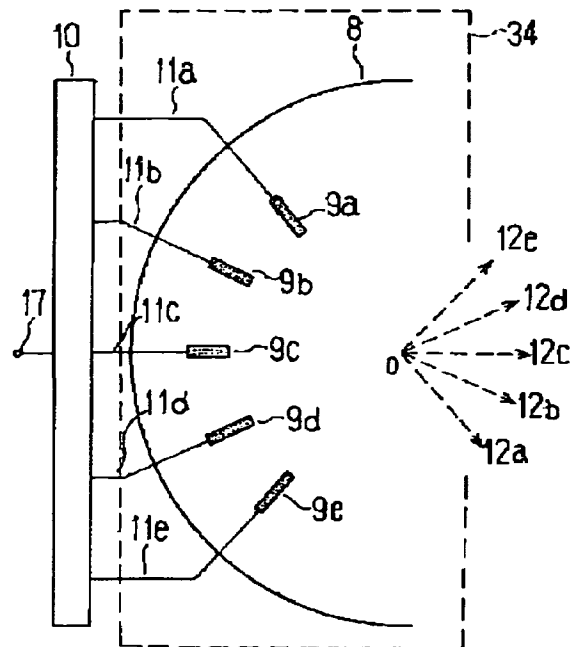
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TITLE : ANTENNA SYSTEM FOR RADIO LAN



ABSTRACT : PURPOSE: To obtain an antenna system for radio LAN capable of reducing the degradation of communication quality caused by a multipath and making slave station antennas small in size and light in weight.

CONSTITUTION: At the radio LAN composed of a master station antenna connected to a cable LAN and installed on the ceiling or walls and the slave station antennas connected to information terminal equipments movable on the floor, the antenna system for radio LAN uses the master station antenna as a formed beam antenna and uses the slave station antennas as movable beam antennas to direct pencil beams toward a master station each time the slave station antennas are moved, and the slave station antennas are provided with plural primary radiators 9a-9e and a spherical mirror 8. This beam switching movable beam antennas is constituted so that the directions of beams can be switched by switching those primary radiators 9a-9e, or a cosecant-square forming beam antenna is used for the master station antenna.

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